

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071715\
 Data File : BE090168.D
 Acq On : 18 Jul 2015 6:01
 Operator : TP/IZ
 Sample : G3009-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-DUP-01-071515

Quant Time: Jul 18 07:01:50 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 00:40:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	8327	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	41965	5.00	ng	0.00
12) Acenaphthene-d10	14.22	164	26484	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	70606	5.00	ng	0.00
25) Chrysene-d12	21.11	240	83097	5.00	ng	0.00
32) Perylene-d12	23.43	264	81628	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.24	112	3097	1.58	ng	0.00
5) Phenol-d6	6.79	99	2634	1.04	ng	0.00
7) Nitrobenzene-d5	8.75	82	6903	2.48	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	4104	6.56	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	19398	2.49	ng	0.00
27) Terphenyl-d14	19.58	244	46395	3.34	ng	0.00

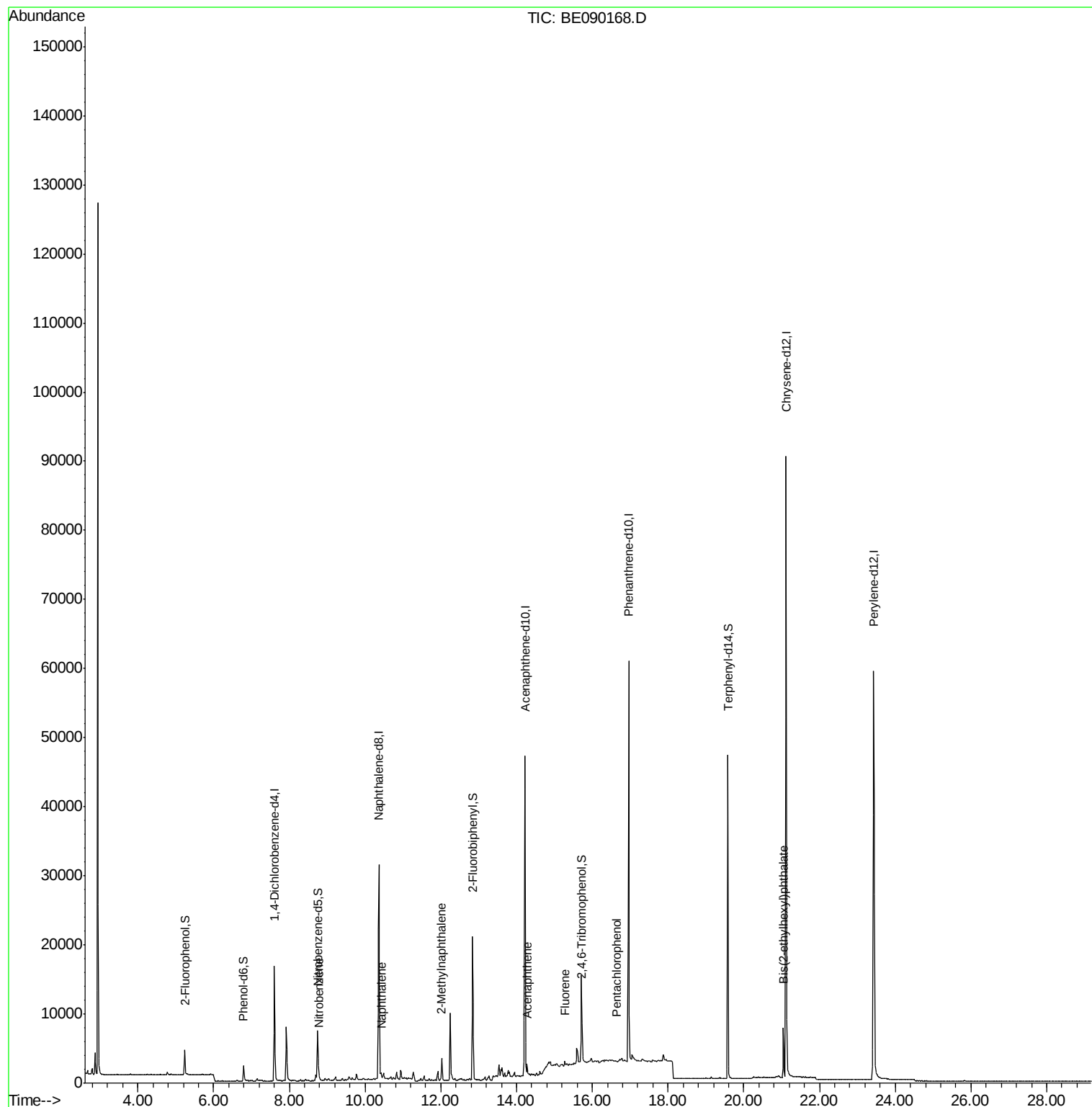
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	18	Below Cal	#	77
8) Nitrobenzene	8.78	77	498	0.18 ng	#	15
9) Naphthalene	10.42	128	548	0.06 ng	#	1
11) 2-Methylnaphthalene	12.03	142	2290	0.38 ng	#	94
16) Acenaphthene	14.28	154	315	0.05 ng		82
17) Fluorene	15.27	166	406	0.04 ng	#	49
21) Pentachlorophenol	16.63	266	52	0.34 ng	#	77
30) Bis(2-ethylhexyl)phthalate	21.05	149	6050	0.62 ng		100

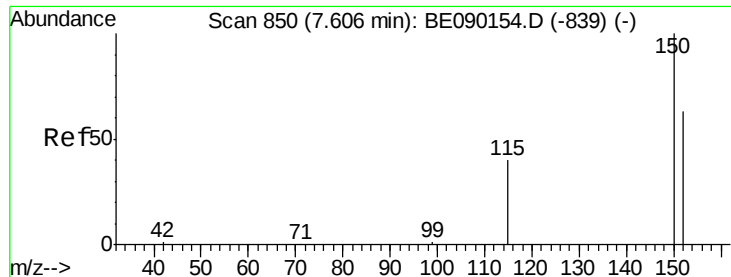
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.61 min Scan# 850

Delta R.T. 0.00 min

Lab File: BE090168.D

Acq: 18 Jul 2015 6:01

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

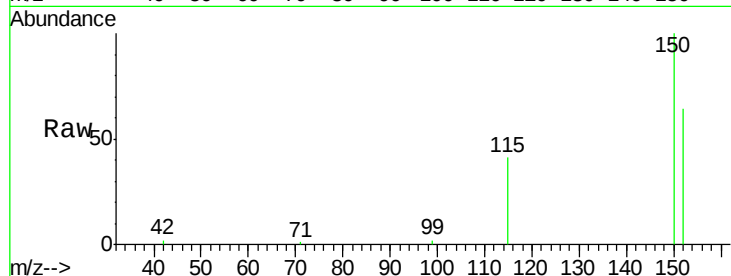
Tgt Ion:152 Resp: 8327

Ion Ratio Lower Upper

152 100

150 156.1 127.2 190.8

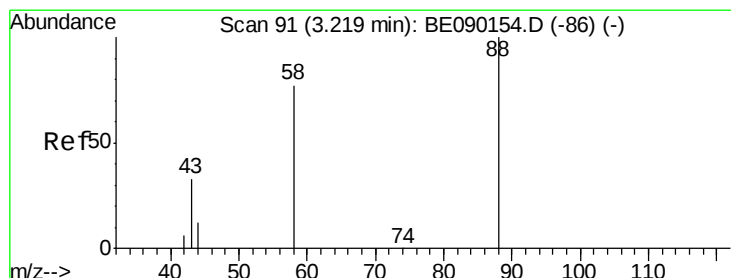
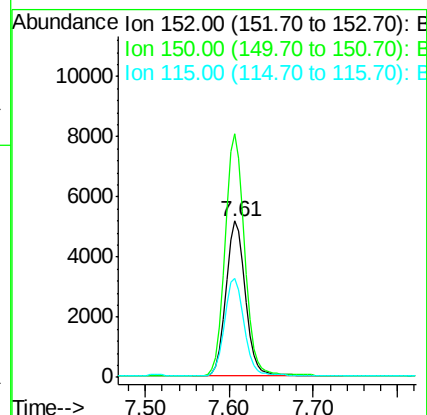
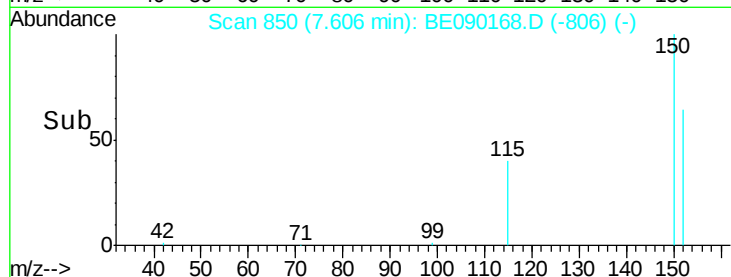
115 63.7 51.6 77.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.22 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE090168.D

Acq: 18 Jul 2015 6:01

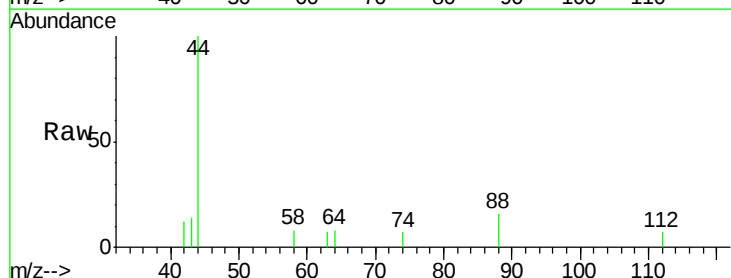
Tgt Ion: 88 Resp: 18

Ion Ratio Lower Upper

88 100

58 77.8 58.2 87.2

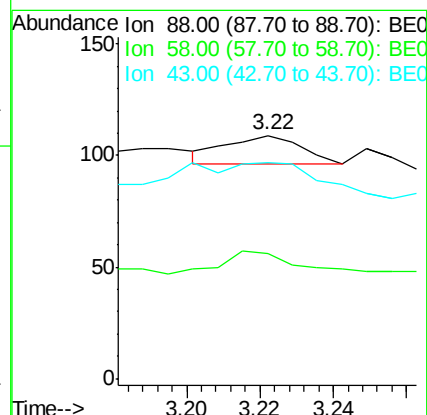
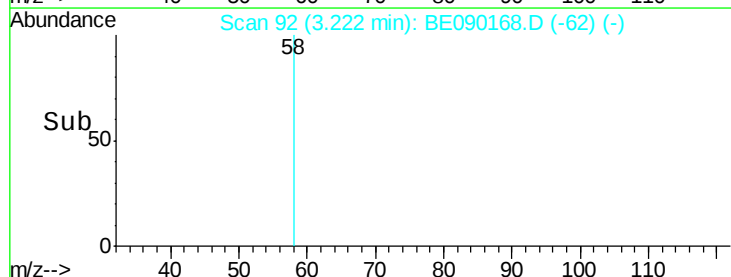
43 0.0 27.7 41.5#

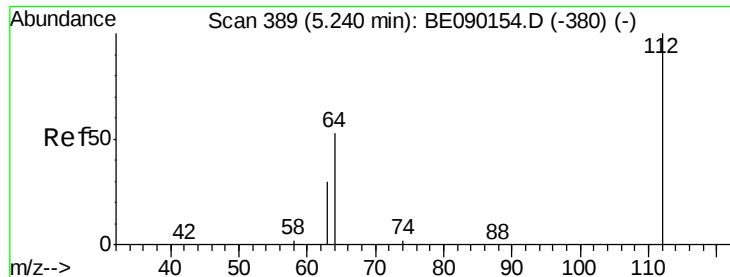


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 1.58 ng

RT: 5.24 min Scan# 389

Delta R.T. -0.00 min

Lab File: BE090168.D

Acq: 18 Jul 2015 6:01

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

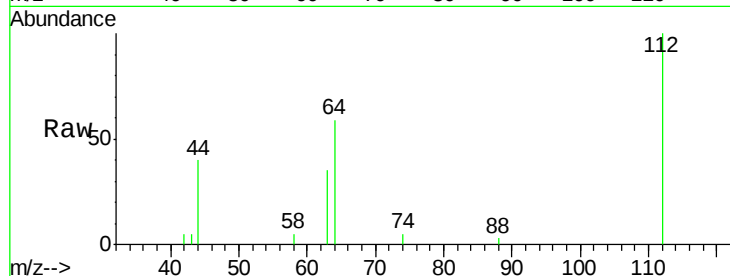
Tgt Ion: 112 Resp: 3097

Ion Ratio Lower Upper

112 100

64 57.9 46.7 70.1

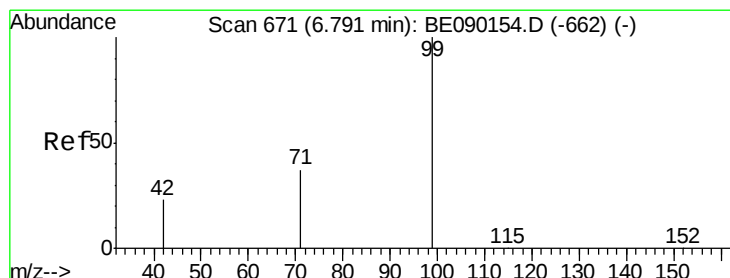
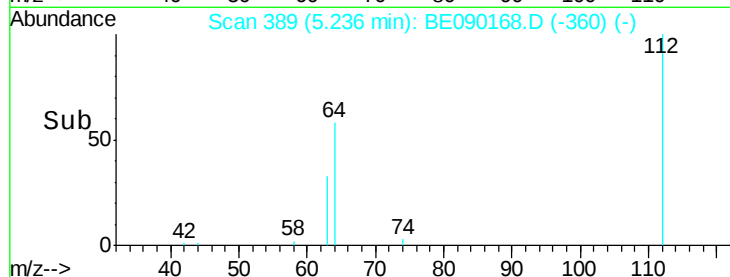
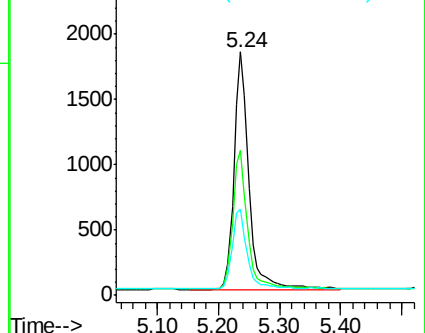
63 33.5 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 1.04 ng

RT: 6.79 min Scan# 671

Delta R.T. 0.00 min

Lab File: BE090168.D

Acq: 18 Jul 2015 6:01

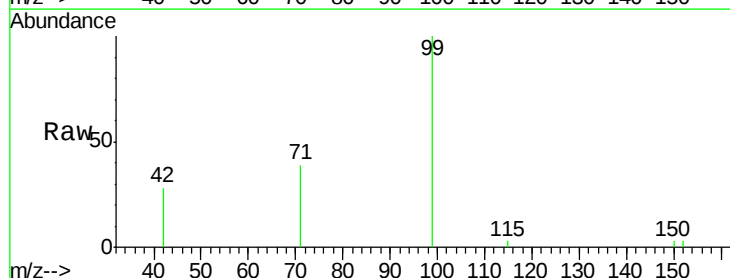
Tgt Ion: 99 Resp: 2634

Ion Ratio Lower Upper

99 100

42 24.1 19.1 28.7

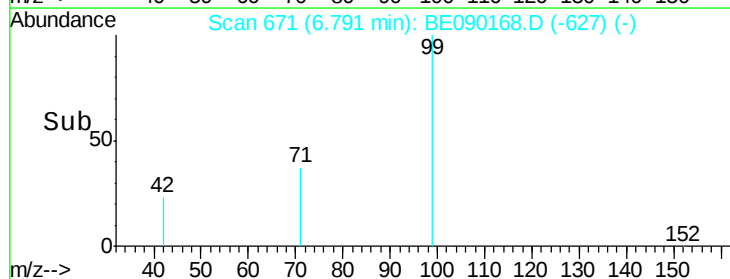
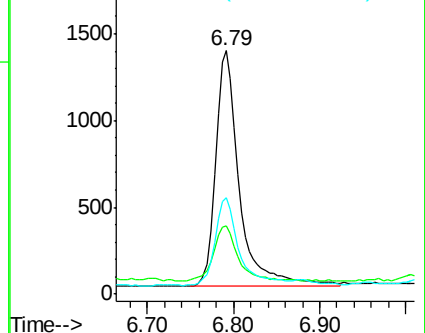
71 37.4 29.4 44.2

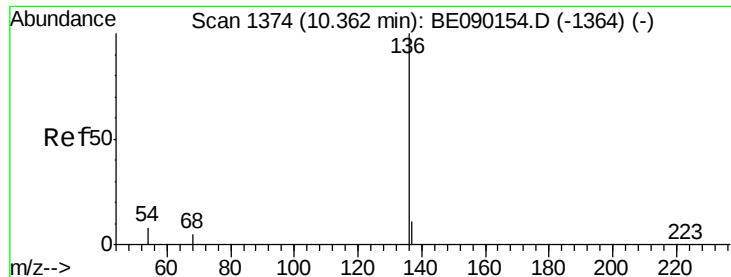


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.36 min Scan# 1374

Delta R.T. -0.00 min

Lab File: BE090168.D

Acq: 18 Jul 2015 6:01

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

Tgt Ion: 136 Resp: 41965

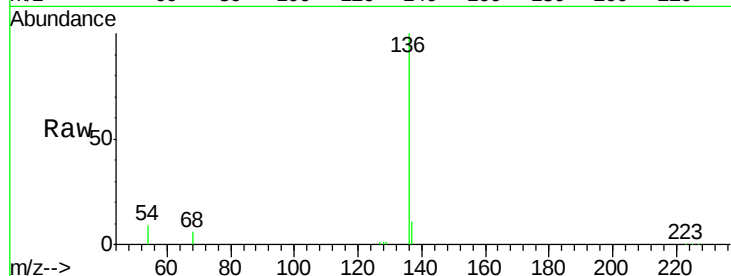
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.7 6.3 9.5

68 6.0 4.3 6.5

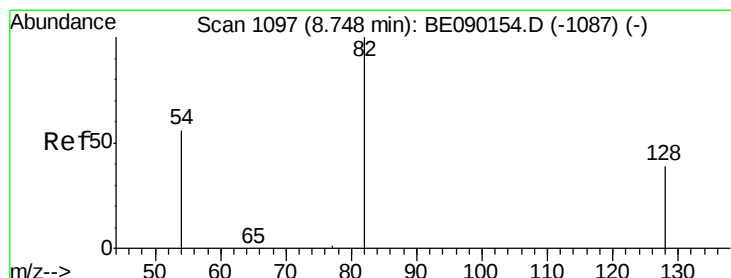
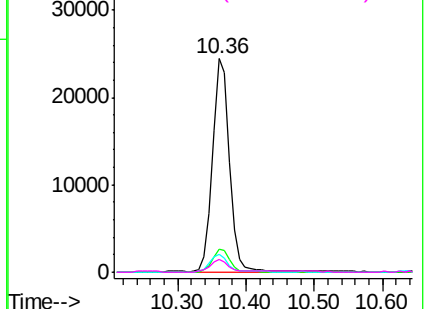
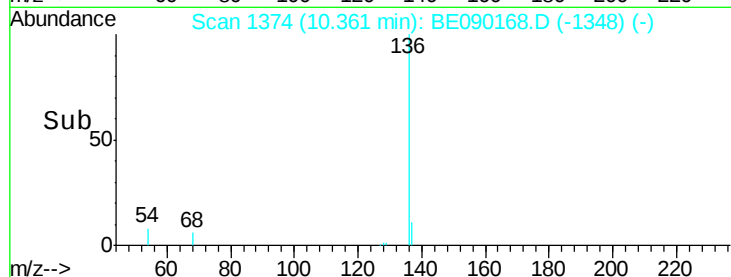


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#7

Nitrobenzene-d5

Concen: 2.48 ng

RT: 8.75 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BE090168.D

Acq: 18 Jul 2015 6:01

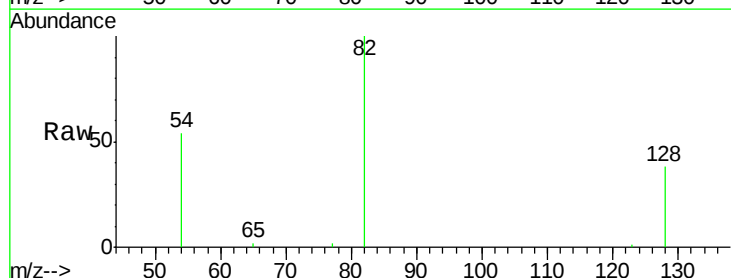
Tgt Ion: 82 Resp: 6903

Ion Ratio Lower Upper

82 100

128 38.3 32.7 49.1

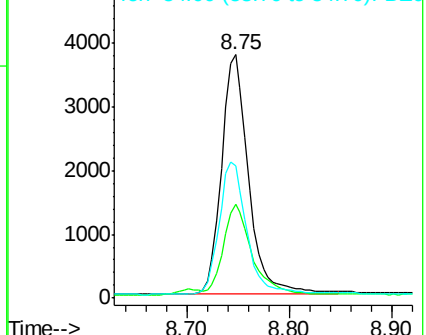
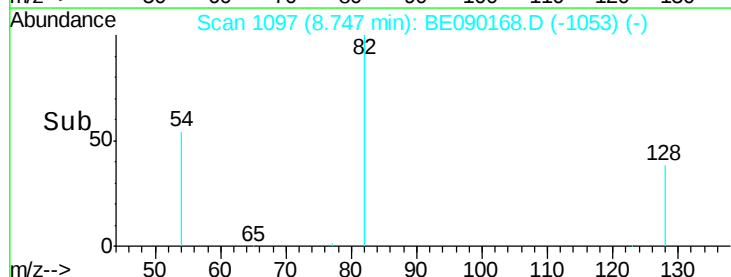
54 54.4 45.9 68.9

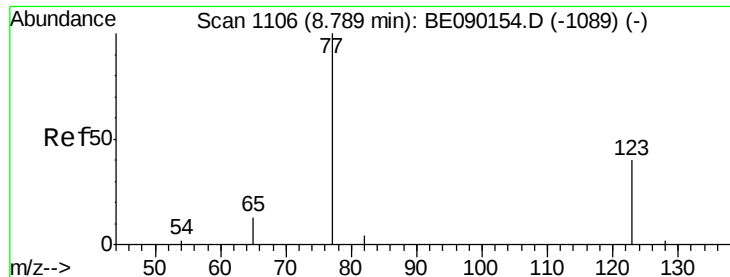


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#8

Nitrobenzene

Concen: 0.18 ng

RT: 8.78 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BE090168.D

Acq: 18 Jul 2015 6:01

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

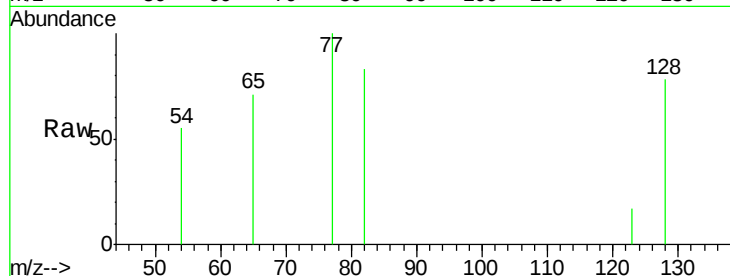
Tgt Ion: 77 Resp: 498

Ion Ratio Lower Upper

77 100

123 0.6 32.3 48.5#

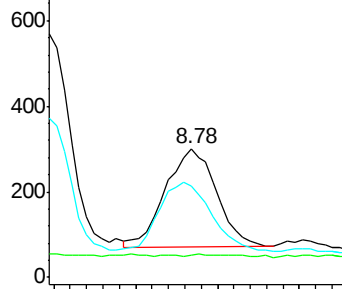
65 72.9 10.4 15.6#



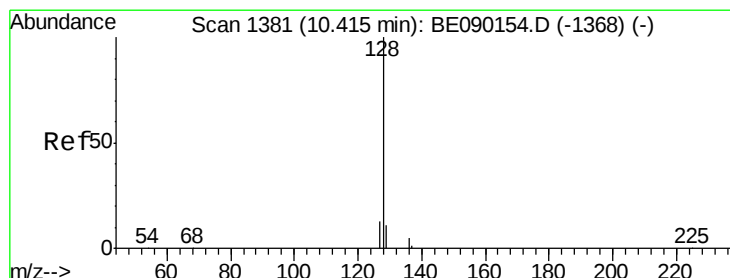
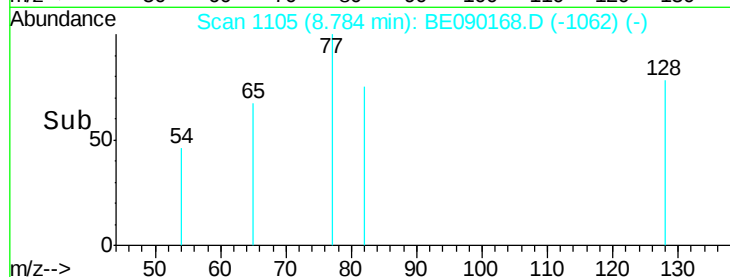
Abundance Ion 77.00 (76.70 to 77.70): BE090154.D (-1089) (-)

Ion 123.00 (122.70 to 123.70): BE090154.D (-1089) (-)

Ion 65.00 (64.70 to 65.70): BE090154.D (-1089) (-)



Time-->



#9

Naphthalene

Concen: 0.06 ng

RT: 10.42 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BE090168.D

Acq: 18 Jul 2015 6:01

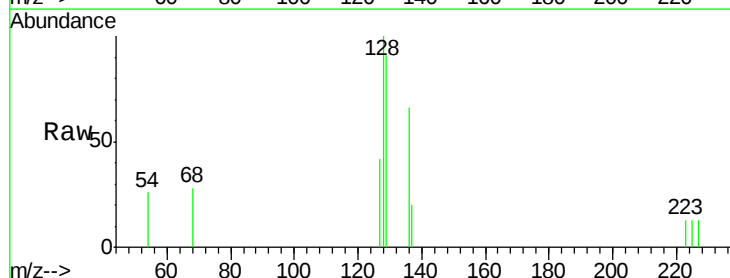
Tgt Ion: 128 Resp: 548

Ion Ratio Lower Upper

128 100

129 91.1 9.8 14.6#

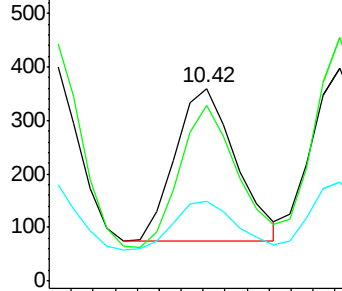
127 41.7 10.7 16.1#



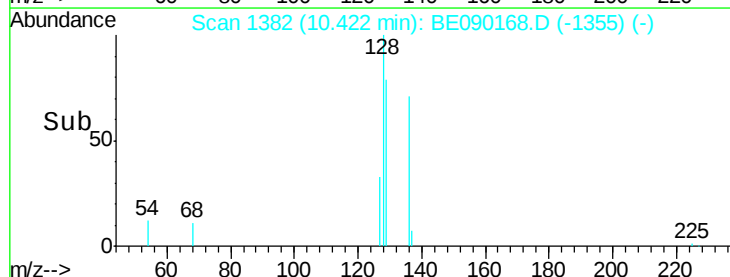
Abundance Ion 128.00 (127.70 to 128.70): BE090154.D (-1368) (-)

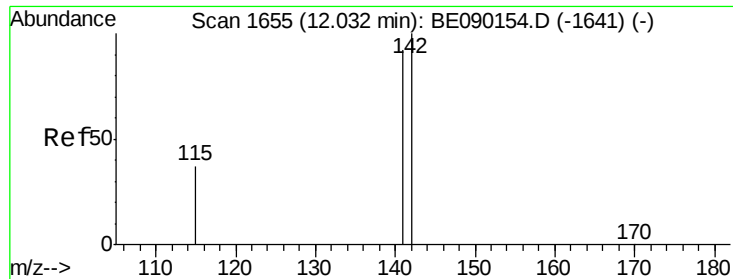
Ion 129.00 (128.70 to 129.70): BE090154.D (-1368) (-)

Ion 127.00 (126.70 to 127.70): BE090154.D (-1368) (-)



Time-->

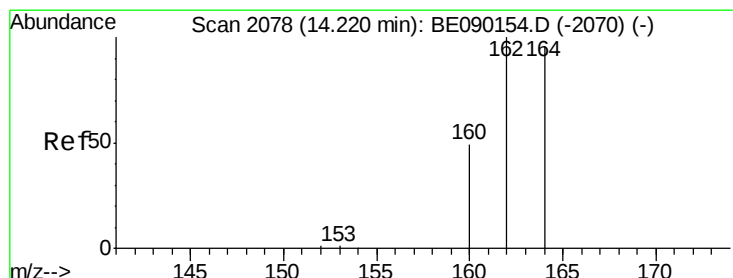
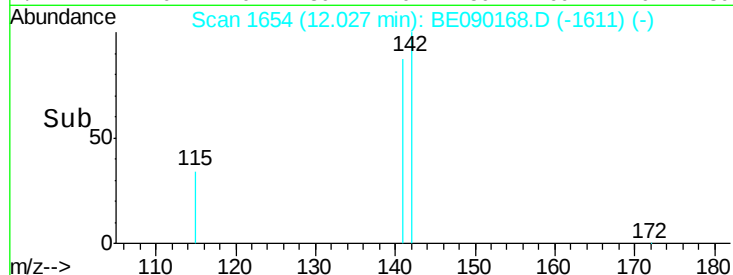
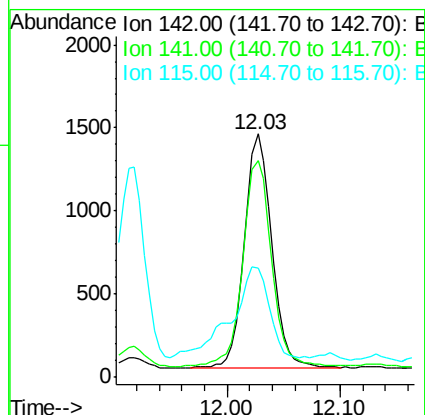
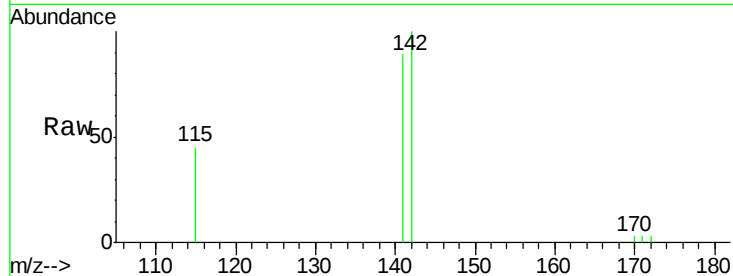




#11
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.03 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE090168.D
Acq: 18 Jul 2015 6:01

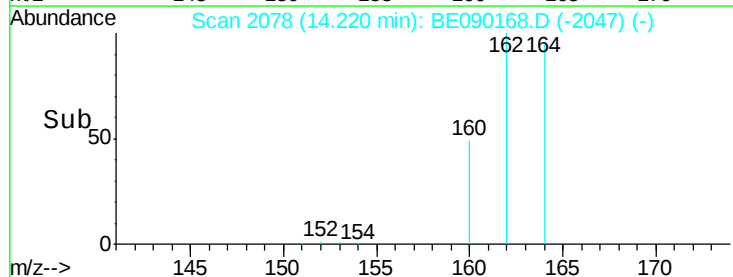
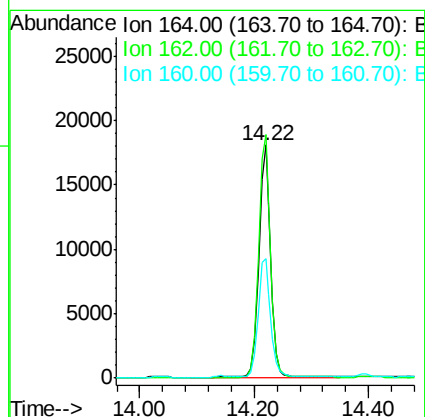
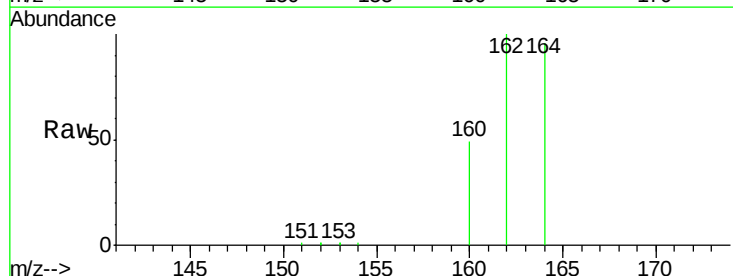
Instrument :
BNA_E
ClientSampleId :
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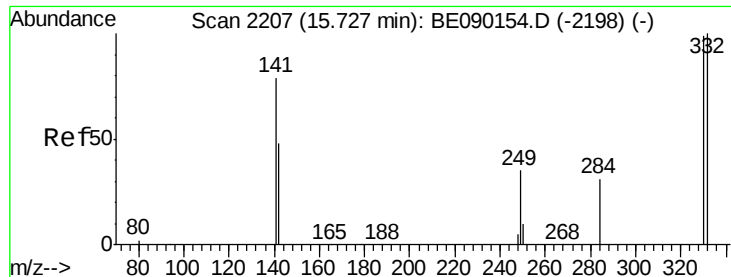
Tgt Ion:142 Resp: 2290
Ion Ratio Lower Upper
142 100
141 89.1 73.9 110.9
115 45.1 30.0 45.0#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.22 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BE090168.D
Acq: 18 Jul 2015 6:01

Tgt Ion:164 Resp: 26484
Ion Ratio Lower Upper
164 100
162 104.4 83.3 124.9
160 51.5 40.9 61.3

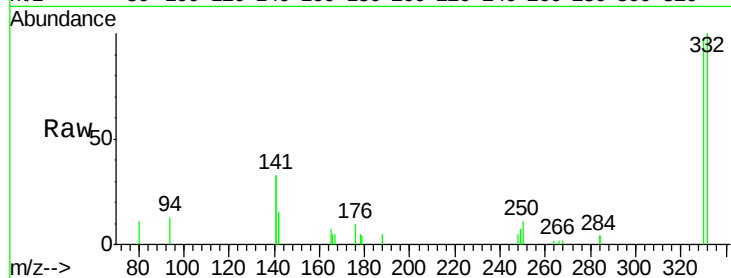




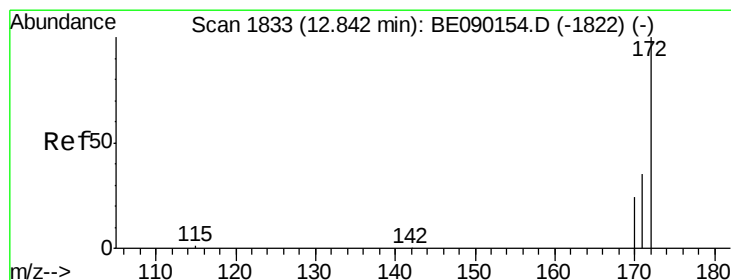
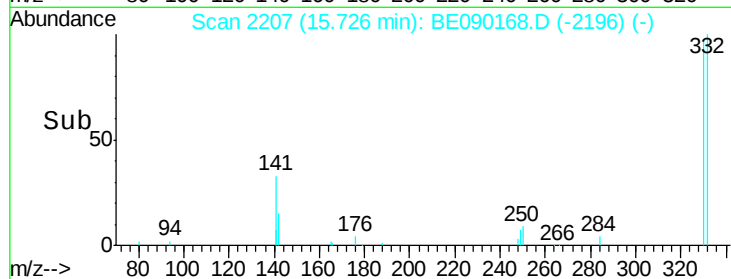
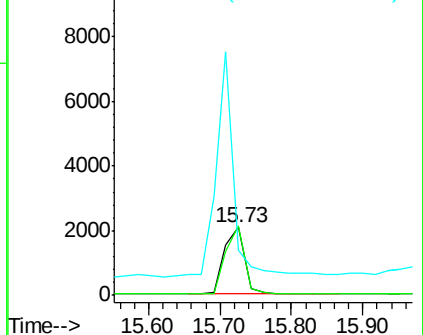
#13
 2,4,6-Tribromophenol
 Concen: 6.56 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090168.D
 Acq: 18 Jul 2015 6:01

Instrument :
 BNA_E
 ClientSampleId :
 MW-DUP-01-071515

Tgt Ion: 330 Resp: 4104
 Ion Ratio Lower Upper
 330 100
 332 96.2 78.2 117.2
 141 292.0 215.8 323.6

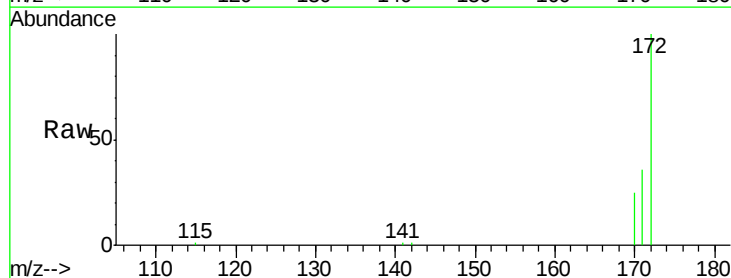


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

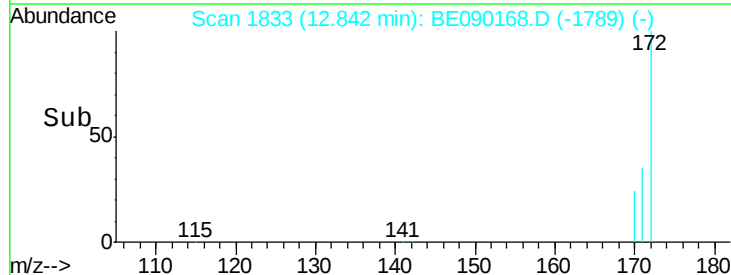
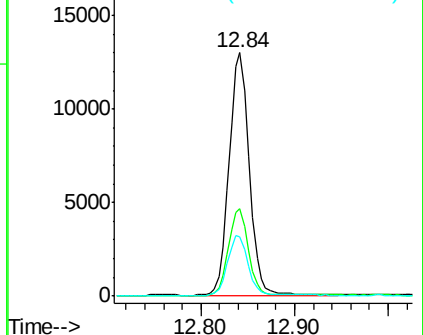


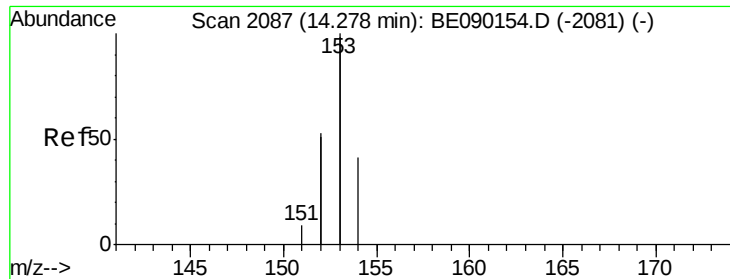
#14
 2-Fluorobiphenyl
 Concen: 2.49 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BE090168.D
 Acq: 18 Jul 2015 6:01

Tgt Ion: 172 Resp: 19398
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 24.5 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#16

Acenaphthene

Concen: 0.05 ng

RT: 14.28 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BE090168.D

Acq: 18 Jul 2015 6:01

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

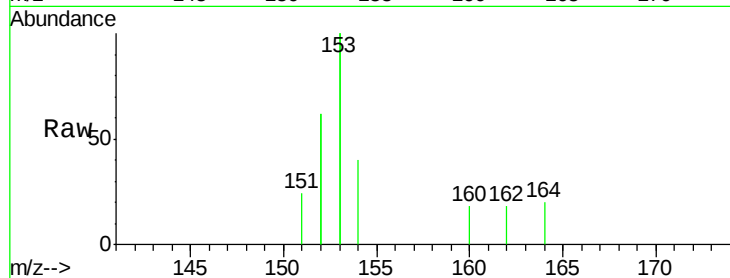
Tgt Ion:154 Resp: 315

Ion Ratio Lower Upper

154 100

153 507.3 376.9 565.3

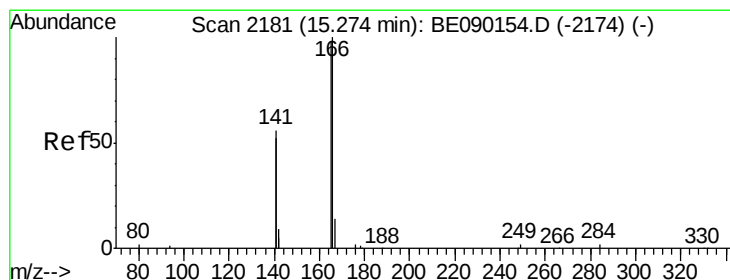
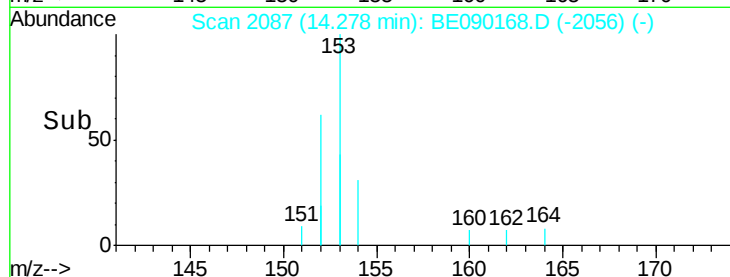
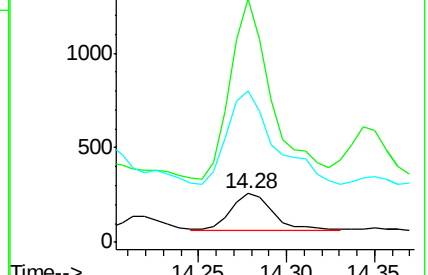
152 293.3 199.0 298.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#17

Fluorene

Concen: 0.04 ng

RT: 15.27 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BE090168.D

Acq: 18 Jul 2015 6:01

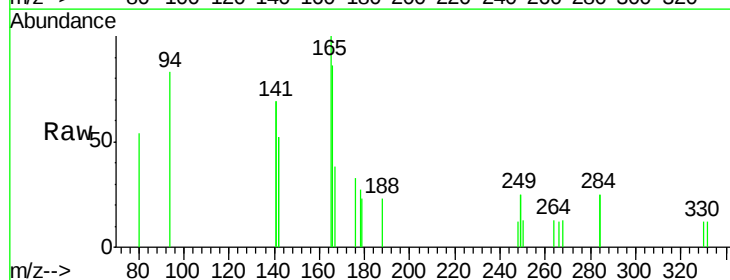
Tgt Ion:166 Resp: 406

Ion Ratio Lower Upper

166 100

165 150.5 81.5 122.3#

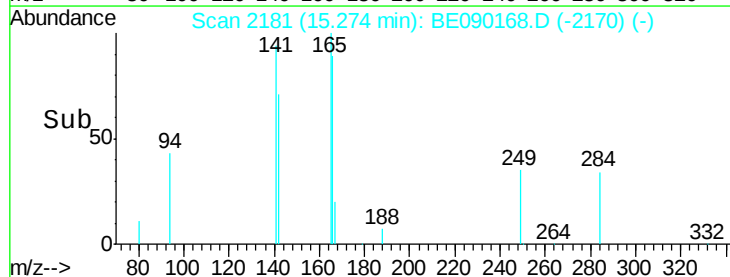
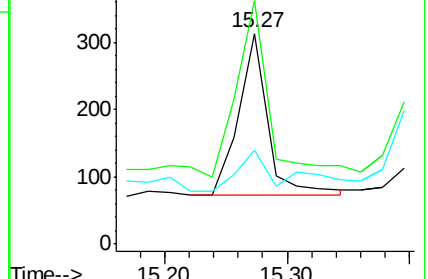
167 45.3 11.9 17.9#

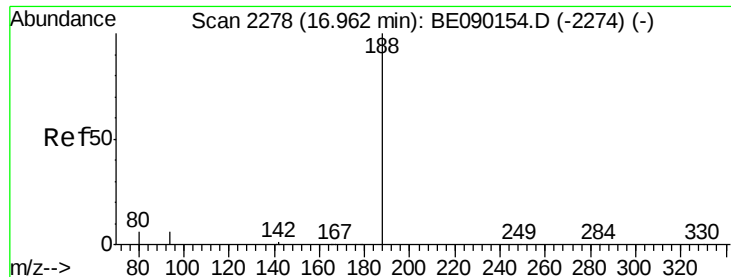


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

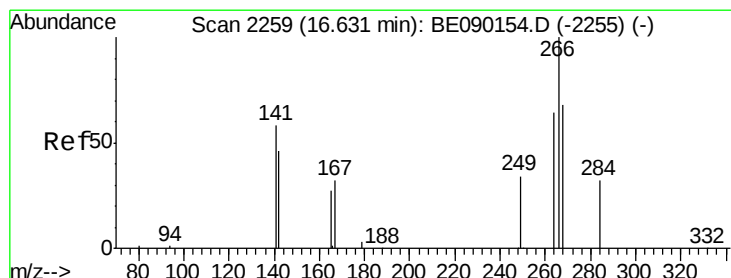
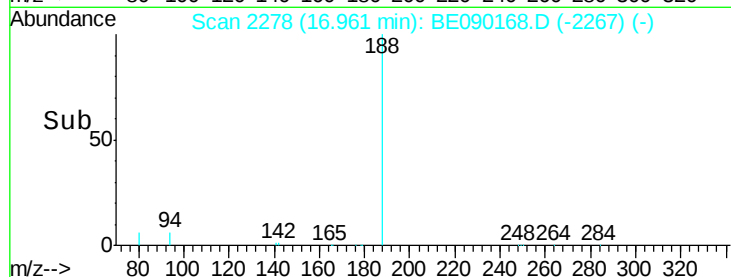
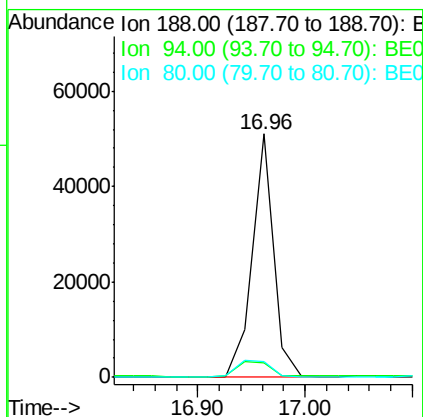
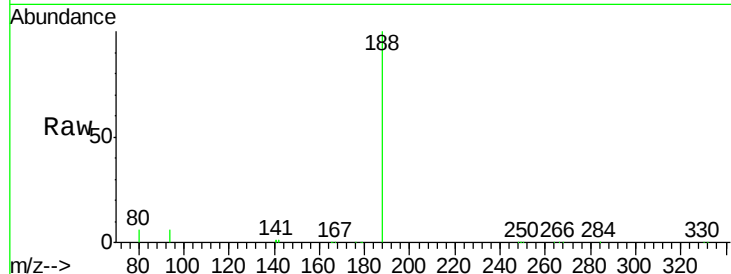




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.96 min Scan# 2278
Delta R.T. -0.00 min
Lab File: BE090168.D
Acq: 18 Jul 2015 6:01

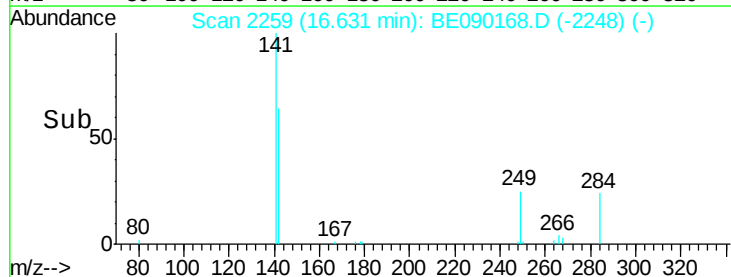
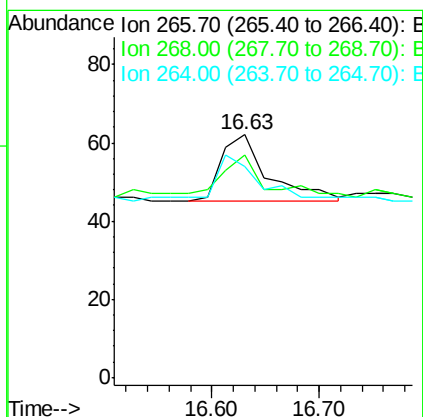
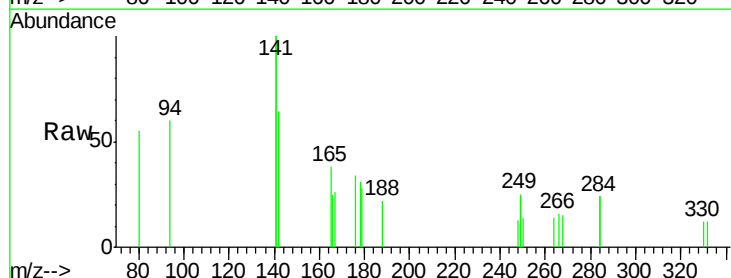
Instrument :
BNA_E
ClientSampleId :
MW-DUP-01-071515

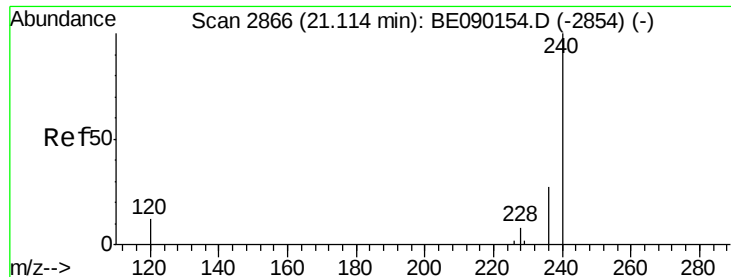
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.6	7.0
80	6.3	4.6	6.8



#21
Pentachlorophenol
Concen: 0.34 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BE090168.D
Acq: 18 Jul 2015 6:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	91.9	58.2	87.4#
264	87.1	55.0	82.4#





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.11 min Scan# 2867

Delta R.T. 0.00 min

Lab File: BE090168.D

Acq: 18 Jul 2015 6:01

Instrument :

BNA_E

ClientSampleId :

MW-DUP-01-071515

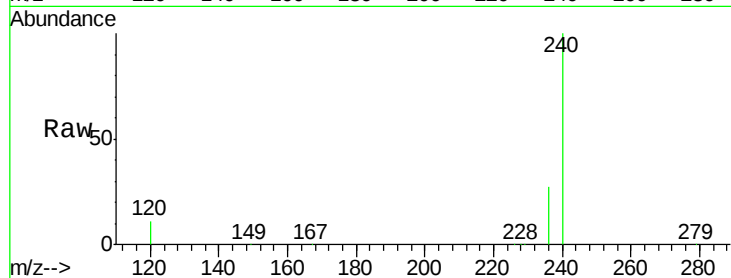
Tgt Ion:240 Resp: 83097

Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.0

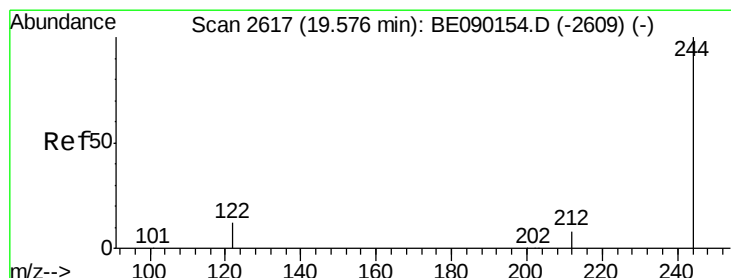
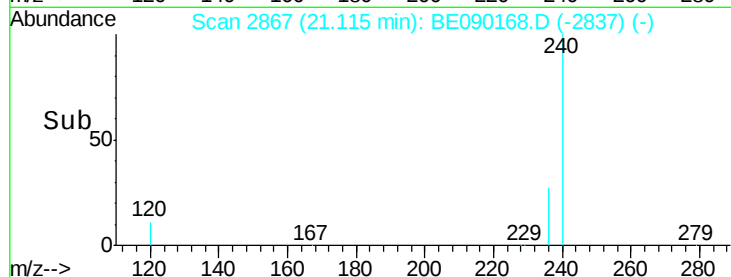
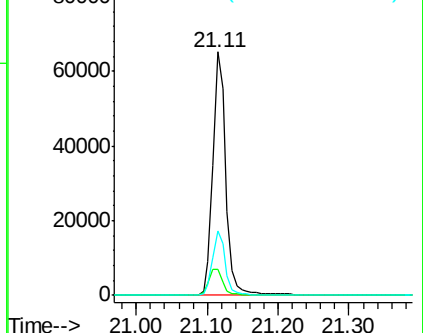
236 26.7 21.8 32.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#27

Terphenyl-d14

Concen: 3.34 ng

RT: 19.58 min Scan# 2617

Delta R.T. -0.00 min

Lab File: BE090168.D

Acq: 18 Jul 2015 6:01

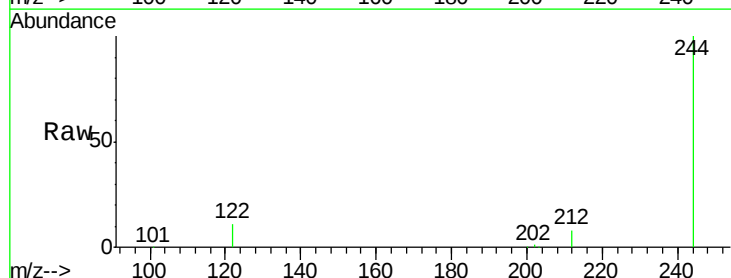
Tgt Ion:244 Resp: 46395

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

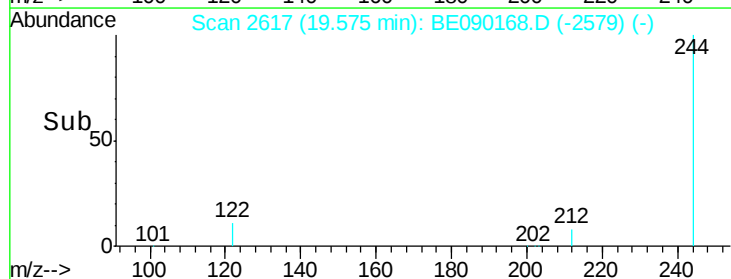
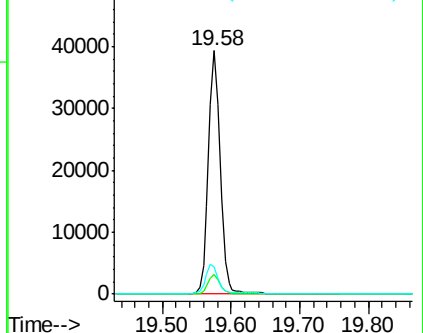
122 11.3 9.8 14.6

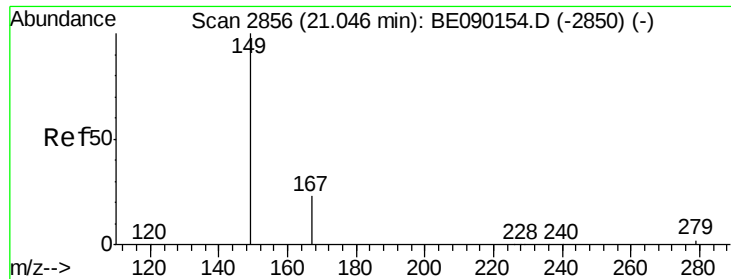


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

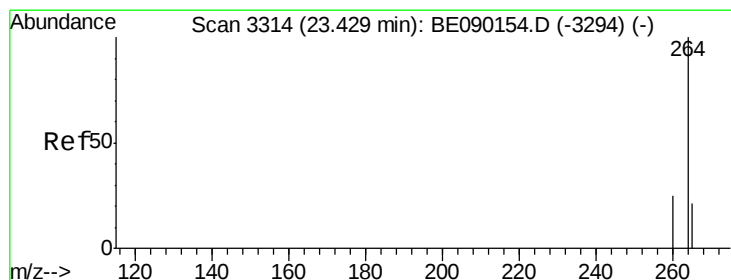
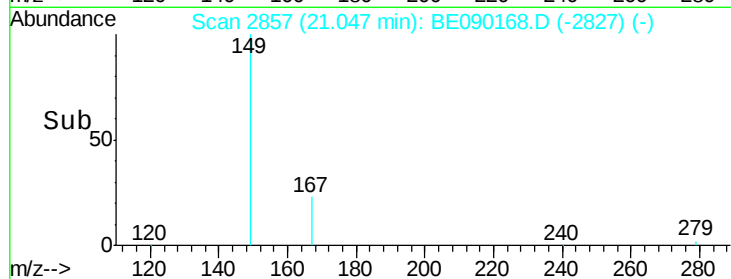
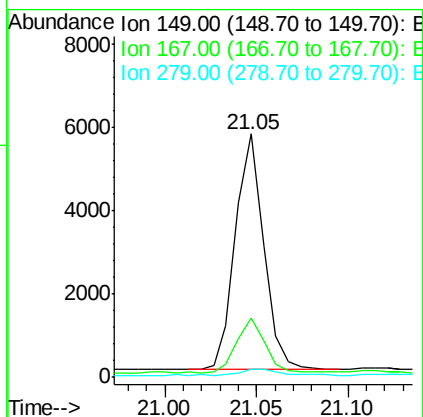
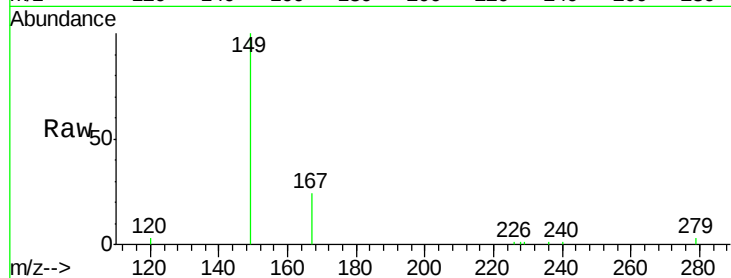




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.62 ng
 RT: 21.05 min Scan# 2857
 Delta R.T. 0.00 min
 Lab File: BE090168.D
 Acq: 18 Jul 2015 6:01

Instrument :
 BNA_E
 ClientSampleId :
 MW-DUP-01-071515

Tgt Ion:149 Resp: 6050
 Ion Ratio Lower Upper
 149 100
 167 23.1 18.6 28.0
 279 2.9 2.2 3.4



#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.43 min Scan# 3314
 Delta R.T. -0.00 min
 Lab File: BE090168.D
 Acq: 18 Jul 2015 6:01

Tgt Ion:264 Resp: 81628
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.8
 265 21.8 17.4 26.2

